

BC 991-0088 102-058
Johnson Controls, Inc.
Plastic Container Division
315 South Seventh Avenue
City of Industry, CA 91746
Tel. 818/961 6241

SFUND RECORDS CTR
1851-03189

JOHNSON
CONTROLS

February 5, 1991

Mr. Phillip Chandler
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

Dear Phillip,

Enclosed is your copy of Triad's proposed work plan to conduct contaminated soil tests in accordance with your request. Please review this plan and advise me if it meets your approval so we can proceed accordingly.

Sincerely,

JOHNSON CONTROLS, INC.


W.M. Lambeth

WML/jg

enc: Triad's Proposed Plan

c: Elaine Wood



TRIAD GEOTECHNICAL CONSULTANTS INC.

Soils Engineering • Engineering Geology • Environmental Engineering

17231 EAST RAILROAD STREET, SUITE 100, CITY OF INDUSTRY, CA 91748

TELEPHONE (818) 964-2313

FAX (818) 810-0915

February 4, 1991
Job #91-012

Johnson Controls, Inc.
315 So. Seventh Avenue
City of Industry, CA 91746

Attention: W.M. Lambeth

Subject: Contaminated Soils Work Plan
315 S. 7th Avenue
City of Industry, California

Reference: Subsurface Investigation Request
By California Regional Water Quality Control Board
Dated November 28, 1990 (File No. 102.058)

Dear Mr. Lambeth:

Pursuant to your request, we are providing a work plan to conduct a contaminated soils investigation in accordance with the referenced letter.

The areas to be investigated consist of a clarifier inside the building and chemical storage areas outside the north side of the building. The areas are currently covered with concrete pavement or A.C. pavement. Twelve borings are proposed at the approximate locations shown on the enclosed Plot Plan. Final locations will be determined in the field with the Board representative.

The borings outside the building (10) are proposed to be drilled using a hollow stem flight auger with an 8-inch diameter bit. Three undisturbed soil samples will be obtained from each test hole at one foot, five feet, and ten feet, or at significant changes in soil type. Two borings will be drilled at the clarifier using a 6 inch diameter hand auger. Soil samples will be taken at the inlet/outlet pipes and 5 feet below the base of the clarifier. Each soil sample will be secured and transported to the chemical laboratory in accordance with the enclosed Standard Sampling Procedures. A total of 34 samples will be tested.

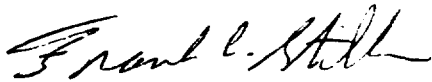
Chemical analysis will be made by Enseco Laboratories (714-898-6370) in accordance with the requirements in the referenced letter. Each sample will be tested by EPA Method 8010/8020 or 8240 with quantitation limits of 5-10 ppb, and twelve samples from selected borings outside the building will be tested for hydrocarbons by EPA Test 418.1 with quantitation limits of 1 mg/kg specified.

Upon completion of the chemical testing a final report will be prepared to provide test results, locations of borings, logs of borings and chain of custody. Expected time to complete this work is expected to be up to four weeks upon approval of the plan.

The opportunity to be of service to you has been appreciated. If you have any questions, please do not hesitate to call.

Respectfully submitted,

TRIAD GEOTECHNICAL CONSULTANTS, INC.


Frank C. Stillman
G.E. 805

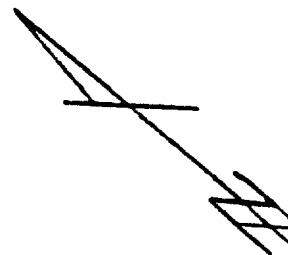
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Enclosures: Plot Plan
Standard Sampling Procedures

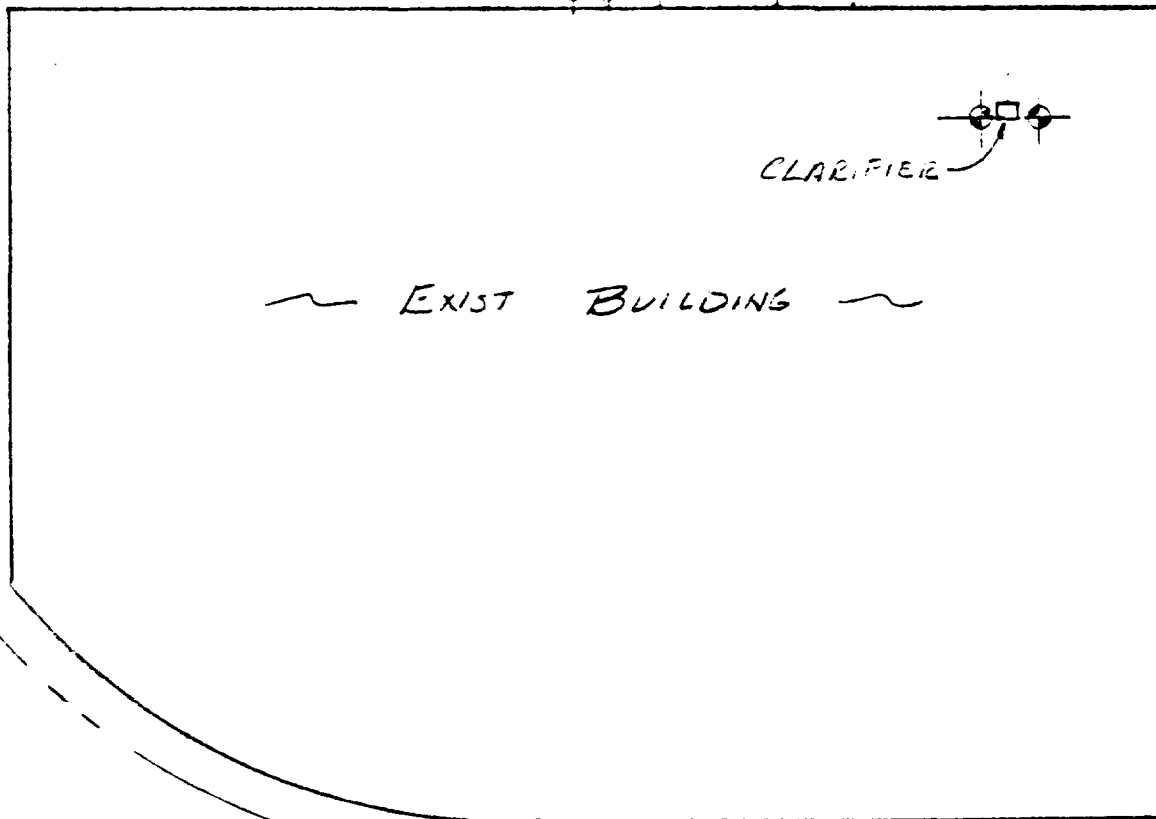
Distribution: Addressee (3)



PROCTOR AVE



ae. pumt.



LEGEND

● INDICATES APPROX. LOCATION OF BORINGS



TRIAD GEOTECHNICAL CONSULTANTS INC.

Consulting Geologists - Soils Engineering

Job no: 91-012

Date: 2-4-91 Scale: 1" = 100'

By: E.S.

STANDARD SAMPLING PROCEDURES

Undisturbed soil samples will be obtained using a barrel drive sampler with a tapered cutting shoe. The soil sample will be retained in a 2-inch diameter by 6-inch tube within the sampler. Each sample will be driven sufficiently to completely fill the tube.

After extraction of the tube from the sampler, the open ends will be covered with aluminum foil and capped with a tight plastic cap. Each cap will be tapped to complete a tight seal for transportation to the laboratory. Test samples are marked by test hole number and depth of origin for use by the laboratory in reporting the test results. The secured sample is then placed in an ice chest containing blue ice for transportation to the laboratory in a chilled state.

Sampling equipment in contact with soils sampled will be washed in portable water containing TSP and rinsed in clean water prior to sampling. This includes the sampler head containing the tube, each tube, and the plastic caps.

Each test hole will be logged to record the soil type by the USCS, color, and moisture condition from a visual examination. Any changes in soil type will be recorded and locations of all soil samples will be graphically shown on each boring log. Any indication of soil contamination by color or odor detection will be recorded on the log. The boring logs with a plot plan showing horizontal locations will be included with the test results in the final report.

Laboratory test results obtained from the laboratory will be accompanied by the Chain of Custody form prepared by us in transportation of the soil samples to the laboratory. Chain of Custody forms will specify the requirements of QA/QC reports and Board quantitation limits to be used in analysis.